

Personal PA[®] FM Receiver, Model PPA R7

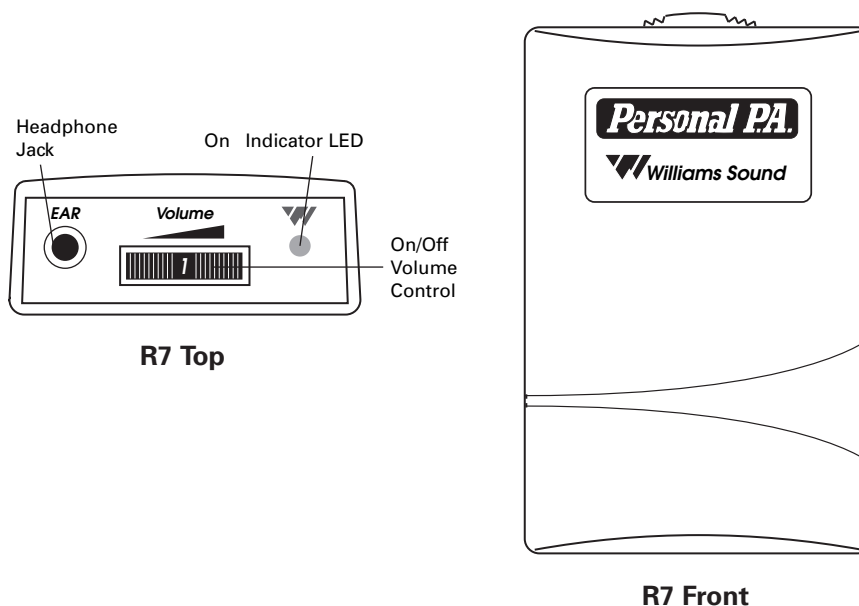
Description:

The PPA R7 is a single-channel, body-pack style receiver and is compatible with any Williams Sound Personal PA[®] transmitter operating on 72-76 MHz bandwidth. The PPA R7 features an impact-resistant casing and a belt clip for hands-free operation. Each receiver is pretuned, and field adjustable by internal tuning coil. A 3.5 mm mono phone jack accommodates low-impedance mono earphones, headphones and neckloop telecoil couplers. The 3.5 mm phone jack conveniently serves as a charging jack for rechargeable batteries.

PPA R7 Receiver:

Dimensions & Weight:	3-5/8" L x 2-3/8" W x 7/8" H (92.1 mm x 60.3 mm x 22.2 mm); 3.2 oz (90 g) with battery
Color:	Gray
Battery Type:	9 Volt, Eveready 522 Alkaline or BAT 003 Ni-Cad
Battery Drain:	14 mA, nominal
Battery Life:	32 hours with Eveready 522, 6 hours/charge with BAT 003
FCC ID:	CNM R7
Operating Frequency:	Pre-tuned, adjustable, 72 MHz-76 MHz *
Intermediate Frequency:	75 KHz
FM Deviation:	75 KHz wideband
De-Emphasis:	75 uS
AFC Range:	± 300 KHz
Sensitivity:	2 µV at 12 dB Sinad with squelch defeated
Squelch:	Squelches at 10 µV for minimum 50 dB S/N ratio
Input Overload:	20 mV
Frequency Response:	100 to 10 KHz, ± 3 dB
Signal-to-Noise Ratio:	50 dB at 10 µV
Receive Antenna:	Integral with earphone/headphone cord
Audio Output:	250 mW, max. at 16 Ohms
Output Connector:	3.5 mm mini phone jack, also serves as a charging jack for rechargeable battery
Headphone:	Lightweight, mono, 3.5 mm plug, 16 Ω
Warranty:	5 years, parts and labor (90 days on accessories)

*Note: FCC rules limit the use of the 72-79 MHz band to hearing assistance for the handicapped only. Other frequencies are available that do not have this use restriction.



NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

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Bid Specs:

The receiver shall be housed in an impact resistant plastic case with a hinged battery door that does not separate from the receiver. The receivers shall be a body-pack type and include a belt-clip case for hands-free operation. The receiver shall have a 3.5 mm mono phone jack and accommodate low-impedance mono earphones, headphones and neck-loop telecoil couplers. The 3.5 mm phone jack shall also serve as a charging jack for rechargeable batteries.

Receiver frequencies shall be pre-tuned and adjustable by means of an internal tuning coil. A four-channel receiver model shall be available for use with the system.

The receivers shall receive FM signals in the 72-79 MHz audio assistance band with 75 μ S de-emphasis. The receivers shall provide a maximum output of 250 mW at 16 ohms with an earbud-type earphone. The system electrical frequency response shall be 100 Hz to 10 kHz, \pm 3 dB and the signal-to-noise ratio shall be 50 dB at 10 μ V.

The receiver shall be covered by a five-year parts and labor warranty, excluding earphones, headphones, batteries and chargers. The receiver model shall be the Williams Sound Corp. model PPA R7.

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